

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-90. (canceled)

Claim 91. (previously presented) A method of making a purified antibody which specifically binds to a LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4; and
- b) isolating the antibody from said animal.

Claim 92. (previously presented) The method of claim 91, wherein the antibody is a polyclonal antibody.

Claim 93. (previously presented) A method of making a purified antibody which specifically binds to a LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4
- b) isolating antibody-producing cells from the animal;
- c) fusing the antibody producing cells with immortalized cells in culture to form antibody-producing cells;
- d) culturing the cells; and
- e) isolating from the culture, antibodies which bind specifically to a LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 94. (previously presented) The method of claim 93, wherein the antibody is a monoclonal antibody.

Claim 95. (previously presented) The method of any of claims 91-94, wherein the polypeptide antigen comprises at least 20 amino acids of the amino acid sequence of SEQ ID

NO: 4.

Claim 96. (previously presented) The method of any of claims 91-94, wherein the polypeptide antigen comprises the amino acid sequence of SEQ ID NO: 4.

Claim 97. (previously presented) The method of claim 95, wherein the polypeptide antigen comprises the cytosolic tail of a LAT comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 98. (previously presented) The method of claim 95, wherein the polypeptide antigen comprises amino acids 31-233 of a LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 99. (previously presented) The method of any of claims 91-94, wherein the polypeptide antigen comprises a phosphotyrosine and the antibody specifically binds to a phosphorylated LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 100. (previously presented) The method of any of claims 91-94, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of C305 cells transfected with a LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

Claim 101. (previously presented) The method of any of claims 91-94, wherein the antibody does not stain endothelial cells.

Claim 102. (previously presented) The method of claim 101, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of 293T cells transfected with a LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

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Claims 103-142 (cancelled).

Claim 143. (previously presented) The method of claim 94, further comprising humanizing the monoclonal antibody.